

Message Text

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46

ACTION FBO-05

INFO OCT-01 EUR-08 ISO-00 OCE-00 CCO-00 OCL-00 SY-04 A-01

SSO-00 /019 W

----- 119935

O R 051450Z NOV 74

FM AMCONSUL LENINGRAD

TO SECSTATE WASHDC IMMEDIATE 0841

INFO AMEMBASSY MOSCOW

AMEMBASSY BONN

AMEMBASSY LONDON

AMCONSUL FRANKFURT

C O N F I D E N T I A L L E N I N G R A D 1 0 7 4

EO 11652XGDS3

TAGS: ABLD, ACOM, ASEC

SUBJ: POWER PROBLEMS AND POST COMMUNICATIONS AREA

REF: LENINGRAD 1055

MOSCOW FOR RSO; BONN FOR RCO; LONDON FOR ATO; FRANKFURT FOR RTC, RSS

1. DURING SECOND VISIT TO CONGEN BE SAME ENGINEER AS INDICATED
IN REFTEL, PROBLEM OF OVERHEATED TERMINAL WAS TEMPORARILY CORRECTED
BY BY-PASSING METERING CIRCUITS AS WAS DONE WHEN PREVIOUS PROBLEM
ENCOUNTERED AND REFLECTED IN PARA 6 OF REFTEL. FURTHER DISCUSSION
WITH SOVIET ENGINEER CONCERNING POWER DISTRIBUTION SYSTEM PRODUCED
FOLLOWING FACTS.

A. IN PLACE OF ONE LARGE TRANSFORMER SUPPLYING POWER TO CONGEN,
THERE ARE IN FACT TWO 550-600 AMP TRANSFORMERS.

B. POWER CABLE SUPPLYING POWER FROM TRANSFORMERS ARE RATED
APPROXIMATELY 80 AMPS.

C. SMALL METERING TRANSFORMERS IN DISTRIBUTION ROOM, WEST WING,
ARE RATED 40-45 AMPS.

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D. CURIOUSLY, AS SPECIFIED BY OC DRAWINGS MENTIONED REFTEL, A 250

AMP SOVIET CIRCUIT BREAKER IS INSTALLED BETWEEN POWER DISTRIBUTION PANEL AND EMERGENCY GENERATOR ROOM EVEN THOUGH SOVIET POWER CABLES RATED ONLY 80 AMPS.

2. PROBLEM IS MORE COMPLICATED THAN INDICATED PARA 8, REFTTEL, AND WE NO LONGER BELIEVE WE CAN USEFULLY SEEK SOLUTION THROUGH "SAFETY FACTOR" GAMBIT. TO OBTAIN LONG TERM SOLUTION TO POWER PROBLEM TO FOURTH, FIFTH AND SIXTH FLOORS, CONGEN NOW PROPOSES TO SUBMIT LETTER TO UPIP REQUESTING POWER CABLE RATED AT 225 AMPS (PER OC SPECS) BE INSTALLED BETWEEN TRANSFORMER, POWER DISTRIBUTION PANEL AND EMERGENCY GENERATOR ROOM. ALSO NEW METERING TRANSFORMERS MUST BE INSTALLED TO HANDLE 225 AMPS, SINCE AS INDICATED ABOVE THE CURRENT ONES HAVE BEEN BY PASSED AND ARE ONLY CAPABLE OF HANDLING 40-45 AMPS. DURING INSTALLATION OF ABOVE WIRING, TWO ADJACENT POWER DISTRIBUTION PANELS WILL BE CHECKED FOR POWER LOADING AND FUSED ACCORDINGLY TO COMPENSATE FOR ADDITIONAL LOADING OF CENTER PANEL (AS PRESENTLY WIRED, ALL PANELS ARE FUSED EQUALLY) AND PREVENT OVERLOADING THE MAIN TRANSFORMER. ALL OF THIS REPRESENTS A MAJOO PROJECT.

3. WE MUST EXPECT THAT UPIP (LOCAL SOVIET SERVICE ORGANIZATION) WILL PRESENT US WITH A HANDSOME BILL FOR CORRECTING WHAT THEY CAN SAY IS OUR MISTAKE. WE MAY ALSO ASSUME THAT SOVIETS WILL NOT BE IN ANY GREAT HURRY TO HELP US OUT, NOW THAT IMMEDIATE PROBLEM HAS BEEN CORRECTED TEMPORARILY (BUT AT THE COST OF SHUTTING DOWN MUCH EQUIPMENT).

4. ACTION REQUESTED: WE NEED TO KNOW URGENTLY WHETHER WE CAN GO IN WITH LETTER TO UPIP WHICH CAN GO ALONG WAY TOWARD COMMITTING US TO SUBSTANTIAL (BUT UNKNOWN) EXPENDITURES. WE SEE NO POINT IN SEEKING AN ESTIMATE IN ADVANCE SINCE (A) WE HAVE TO HAVE ADDITIONAL POWER CAPACITY NO MATTER WHAT AND (B) THERE IS VERY SLIGHT POSSIBILITY THAT SOVIETS WILL NOT ASK US TO FOOT BILL.
NEUBERT

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